VII. *An Account of the late mild Weather in* Cornwall, *of the Quantity of Rain fallen there in the Year* 1762 : *In a Letter from the Rev.* William Borlaſe, *M. A. F. R. S. to Mr.* Henry Baker, *F. R. S.*

Dear Sir, Ludguan, Jan. 22, 1763.

Read Feb. 10, 1763. I AM very ſorry to hear of your diſtreſs at London, by the rigour of the ſeaſon. —Our winters in Cornwall are indeed generally more mild than any where in this iſland, but I do not remember ſo wide a difference as that of the preſent ſeaſon with you and us. —In November, on the 12. 13. 14. our froſt began, moſtly attended with hoar froſty mornings: here and there a pool of ſtill water had a film over it, ſcarce ſtrong enough to bear an egg, not a large pebble: and the froſt was always over before noon.—Froſt of the ſame degree on the 18th, and 20th,—hoar froſt only the 26th.—Froſt, but of no greater degree, Dec. 5. 6. and 7th.—Hoar only on the 11th.—On the 14th and 15th, froſt, but of the above degree only: a little ſleet on the 31ſt poſt merid.—To this day no froſt or ſnow. On theſe coldeſt days the Thermometer was never ſo low as 38° but on three days only, viz. Dec. 14 and 15th, and Jan. 9th.—I muſt not conceal from you, however, that ſome allowance muſt be made for the heighth of the Quickſilver, becauſe my Thermometer is not with doors; but yet it ſtands in a little ſtair-caſe far from any fire, where the Sun in

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the midſt of ſummer never reaches till 6 o'Clock P. M. and in winter never: and the caſe in which the tube of Quickſilver is fixed communicates with the open air, by three holes lined with tin, pierced through the munnion of the window to which it is fixed; ſo that tho' it is not in the open air, yet muſt the Quickſilver be expoſed to every extremity of the Atmoſphere by conſtant intercourſe.

You will judge that our cold was no ways exceſſive, when I add, that the balm of Gilead, in the natural open ground, has not ſuffered: the myrtles are in perfect health: the mignonettes in flower: the cluſter roſe and white Violet in bloom at Chriſtmas; and at the ſame time I had the ſcarlet double ranunculus full blown given me by a neighbour. The double hyacinths have formed their bells, and ſome are now ready to unfold.

It has not (I believe) been remembered in the age of man, that in the weſt of Cornwall we have ever had ſuch a long continuance of eaſterly winds.

About the middle of Nov. for 14 days the wind had its prevailing turn from the eaſt. — It was eaſterly, with a variation now and then (a point or two) to the north or ſouth, every day of December, excepting the 21ſt, when it blew W. S. W. and S. S. W. — and to this 22d day of January it has blown every day from the eaſt, varying half a point or ſo to the S. or N.

Since I have entered into theſe latter diſquiſitions on the ſeaſon, give me leave to add the quantity of water fallen here in the year 1762.

	Inches.	Tenths.	Parts of a Tenth.
January	4	3	0
February	2	1	0
March	2	8	0
April	1	0	$\frac{1}{2}$
May	1	0	0
June	0	2	0
July	0	5	0
Auguſt	3	5	0
September	4	3	0
October	5	6	0
November	3	2	$\frac{1}{6}$
December	1	4	0
In the whole	29	9	$\frac{4}{6}$

If you, Sir, or any of your acquaintance keep an ombrometer, and regiſter of the rain at London, I ſhould be glad to know how much fell there, for by ſuch obſervations it might in time be known where the quantity exceeds. I think round Paris they reckon but at 19 inches, but in iſlands, and near the Sea coaſt it muſt be more.

I remain, Sir,

your moſt obedient ſervant

William Borlaſe.